

MATERIAL SAFETY DATA SHEET

DM 51786
BASE

FOR COATINGS, RESINS AND RELATED MATERIALS

(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA-20)

DATE OF PREP 8-20-81

Section I

MANUFACTURER'S NAME BOSTIK WEST, DIV. OF USM CORPORATION, AN EMHART UNIT

STREET ADDRESS 20846 So. Normandie Ave. CITY, STATE, AND ZIP CODE Torrance, Ca. 90502

EMERGENCY TELEPHONE NO. (213) 320-6800

PRODUCT CLASS EPOXY

MANUFACTURERS CODE IDENTIFICATION 463-12-8

Catalyst: CA-116

TRADE NAME BOSTIK

Mix Ratio: 1 part 463-12-8(Base) to 1 part CA-116 by volume.

Section II - HAZARDOUS INGREDIENTS

INGREDIENT 463-12-8(Base)	CAS No.	PERCENT (Wt.)	TLV		LEL	VAPOR PRESSURE mm Hg.
			PPM	mg/M ³		
Xylene	1330-20-7	5-10	100		1.0	7.0
Methyl n-Butyl Ketone	591-78-6	5-10	25		1.2	10.0
Methyl Isobutyl Ketone	108-10-1	5-10	100		1.4	15.0
Methyl Ethyl Ketone	78-93-3	10-15	200		1.8	70.0
Butyl Alcohol	71-36-3	<5.0	100		1.7	4.0
Chromate Pigments:						
As Chromium	13765-19-0	<3.0	---	*0.05	---	---
As Lead	17758-97-6	<0.4	---	*0.05	---	---
*OSHA, 8 hr., TWA						

Section III - PHYSICAL DATA

BOILING RANGE 176-262° F VAPOR DENSITY ☒ HEAVIER ☐ LIGHTER THAN AIR

EVAPORATION RATE ☐ FASTER ☒ SLOWER THAN ETHER PERCENT VOLATILE BY VOLUME 80.5% WEIGHT PER GALLON 10.2 lbs

Section IV - FIRE AND EXPLOSION HAZARD DATA

DOT CATEGORY Red Label, Flammable (Min) FLASH POINT 23°F Tag Closed Cup LEL 1.0

EXTINGUISHING MEDIA Exclude air - Use foam, CO₂, steam, water fog, dry chemicals. Do not use water.

UNUSUAL FIRE AND EXPLOSION HAZARDS Vapor forms explosive mixture with air between upper and lower explosion limits.

SPECIAL FIRE FIGHTING PROCEDURES Do not use water, exclude air, use water spray to cool fire exposed surfaces and to protect personnel.

Section V — HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE : See Section II

EFFECTS OF OVEREXPOSURE : Headache, nausea, dizziness. Breathing vapor will be irritating to nose, throat and eyes.

EMERGENCY AND FIRST AID PROCEDURES : Skin Exposure: Wash affected area with soap & water.
Eye Exposure: Flush with water for at least 15 minutes, consult physician.
Ingestion: Consult physician immediately.
Inhalation: Remove victim to fresh air, consult physician.

Section VI — REACTIVITY DATA

STABILITY ☐ UNSTABLE ☒ STABLE

CONDITIONS TO AVOID : Storage at high temperatures.

INCOMPATIBILITY (Materials to avoid) Strong oxidizing agents. Sparks and open flame.

HAZARDOUS DECOMPOSITION PRODUCTS

On combustion CO, CO₂, Aldehydes and other organics, lead fumes, oxides of nitrogen.

HAZARDOUS POLYMERIZATION ☐ MAY OCCUR ☒ WILL NOT OCCUR

CONDITIONS TO AVOID

Section VII — SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Eliminate sources of ignition and clear fumes from area. Prevent liquid from entering sewers, water sources, or low areas. Keep unnecessary personnel away. Shut off source, if possible to do so without hazard. Contain spilled liquid with sawdust, sand or oil absorbing compound.
WASTE DISPOSAL METHOD Wash area with detergent & water. Consult disposal expert & ensure conformity with local regulations.

Section VIII — SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION : Use approved respiratory protection such as an air-supplied mask if used in non ventilated area.

Mechanical: Explosion-proof ventilation equipment. No smoking or open lights.

VENTILATION : Face velocity 60 fpm in confined area.

PROTECTIVE GLOVES : Chemically resistant gloves.

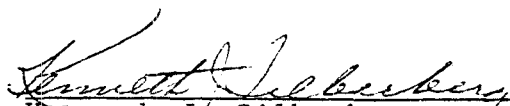
EYE PROTECTION : Chemical splash goggles or face shield.

OTHER PROTECTIVE EQUIPMENT : Eye bath & safety shower.

Section IX — SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING : Keep containers closed when not in use. Do not handle or store near flame, heat or strong oxidants. Adequate ventilation required. Containers of this product may be hazardous when emptied -these OTHER PRECAUTIONS containers retain product residues (vapor, liquid, etc.).

All handling equipment should be electrically grounded. Treat as a very flammable liquid.


Kenneth J. Silberberg
Technical Administrative Manager